Record Group 104. Entry 28.

Assay Book on Bronze. 1864-1866.

Digitized October 24, 2023, Philadelphia, Pennsylvania.

Box 10, Book 7, for 1864-66.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
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ASSAY WORKBOOKS, 1795-1905

Box 10 NC-152 Entry 20

HC1-80523408 10

No. 1.

Assays of

Bronze Ingots

from

May 13, 1864

to

May 13 18 Wells of Bronze
Nos 1 to 18 ~~on~~ tin, 3.2 per cent

May 14	23	Wells	19-41 nos.	3.2
" 16	9	"	42-50	3.1
" 17	24	"	51-74	3.0
" 18	24	"	75-98	2.97
" 19	24	"	99-122	3.0
" 20	30	"	123-152	3.1
" 21	36	"	153-188	3.06
" 23	15	"	189-203	3.2

Combined assay of the above for Zinc from Nos 1 to 203
oxide of Zinc 135 Zinc 2.16

No 2

May	24	30 Melts	204. 233	3 2/10
"	25	30 Melts	234. 263	3 per.
"	26	35 "	264. 298	3 4/10
"	27	30 "	299. 328	3 4/10
"	28	36 "	329. 364	3 6/10
"	30	18 "	365. 382	3 4/10

Zinc from No 204 to 382

2 4/10 per ct

No 3.

May	31	36 Melts	383-418	3 4/10
June	1	42 "	419-460	2 9/10
	2	42 "	461-502	2 9/10
	3	42 "	503-544	3
	4	41 "	545-585	3
	5	21 "	586-606	2.9

Zinc from No 383 — 606

Metallic Zinc 1.85

Reported

No 4

June 7	40	Melts	647-686	3 pcs
" 8	42	"	687. 688	3
" 9	42	"	689. 730	3
" 10	42		731-772	3 1/10
" 11	36		773. 808	3
" 13	18		809. 826	3

Zinc from 647 to 826

Metallic Zinc 2 pcs

Reported.

June 14	41	melts	No. 827-867	3 1/10
15	42	"	868. 909	3
16	42	"	910. 951	3 2/10
17	42	"	952-993	3 2/10
18	35	"	994. 1028	3 1/10
20. 21		"	1029. 1049	3 2/10

Zinc from 827 to 1049 inclusive

Metallic Zinc 2.08

No 5. Rep'd

June 28. 45 melts from Waterbury, Conn.

Tin	3.6
Zinc	2.8
Copper	92.6

June 21	35	Melts	1050-1084	$3\frac{2}{10}$
" 22	36	"	1085-1120	$3\frac{2}{10}$
" 23	36	"	1121-1156	$3\frac{2}{10}$
" 24	36		1157-1192	$3\frac{2}{10}$
" 25	36		1193-1228	$3\frac{2}{10}$
" 27	18		1229-1246	$3\frac{2}{10}$

Zinc from 1050 to 1246

Metallic Zinc 2.6

No 6 Rep?

June	28th	36 Melts	1247-82	3 1/10
	29	42 "	1283-1324	3 2/10
	30	42 "	1325-1366	3 —
July	1	42 "	1367-1408	3 1/10
	2	41 "	1409-1448	3 2/10
	5	21 "	1449-1469	3 2/10

Zinc from 1247 to 1469

Metallic Zinc 2.6 per

No 7 Rep^d.—

July	6	42 Melts	No 1470-1512	3 1/10
	7	42 "	" 1512-1553	3 2/10
	8	36 "	" 1554-1589	3
	9	41 "	" 1590-1630	3 2/10
	11	21 "	" 1631-1651	3 1/10

Zinc from 1470 to 1651

Metallic Zinc 2 4/10 per

No 8 Rep^d

July 12th 36 Wells 1852-1889

			Sweet 3 1/10
July 13	36	Wells	1888-1923 3 1/10
" 14	42	"	1924. 1965 3 2/10
" 15	40	"	1966- 1805 3 1/10
16	42	"	1806.. 1847 3 3/10
18	21	"	1848. 1869 3 3/10

No. 9 Repd.

Zinc from 1852 to 1869

Metallic Zinc 2 2/10 per ct

No 1

July 20 Samples from Holmes Booth & Haydens Waterbury 80 Slips

Metallic tin 3 1/10

Zinc 2 5/10

Repd.

Sicky 19 40 Melts 1871. 1909 3 pcs

20 42 " 1910 - 1951 3 "

21 42 " 1952 - 1993 3 "

22 42 " 1994 2035 3 2/10

23 42 " 2036 2077 3 2/10

25 21 " 2078 2098 3 1/10

Bronze alloy for Zinc 1870 = 2098

Metallic Zinc 2 4/10

No. 10 Rep? No 2

Sicky 27 Samples from Holmes Booth & Hayden Waterbury

107 Strips Metallic tin 3 2/10 pcs

Zinc 2. 5/10

Rep?

July 26	36	Melts	2099. 2134	3 1/10
27	36	"	2135 - 2170	3
28	36	"	2171 2206	3 1/10
29	36	"	2207 2242	3
30	36		2243 2278	2.9
Aug 1	18		2279 - 2314	2.9

C. Bronze Alloy for Zinc

Ref N.° 2099 to 2314

Oxe of Zinc Metallic 2 3/10

Aug 2	33	Melts	2315 - 47	3 per
" 3	35	"	2348 - 82	3
" 5	36	"	2382. 2418	3
" 6	36	"	2419 - 2454	3 2/10
" 8	18	"	2455. 2472	2 9/10

Assay for Zinc 2315 - 2472

Oxide 155 Metallic Zinc 2 1/10

Aug 6 Samples from Waterbury

109 Slips Metallic tin 3 2/10

Ref N.° 3 " Zinc 2 1/10

Aug 9.	41	Melts	2473. 2513	3 per ct
10	40	"	2514 - 2553	3 "
11	32	"	2554 - 2585	3 "
12	34	"	2586 - 2619	3 1/10
13	34	"	2620 - 2653	3
15	21	"	2654 - 2674	3

Assay for Zinc Nos 2473 - 2674

No 12 Rd Metallic Zinc 2 per ct

No 4

Aug 15 Samples from Waterbury

108 slips Zinc 3 2/10

Rd. Zinc 2 1/10

Aug 16	41	Melts	2675 - 2716	3
" 17	40	"	2717 - 2756	3 1/10
" 18	39	"	2757 - 2791	3
" 19	40		2792 - 2831	3
" 20	37		2832 - 2868	3
" 22	21		2869 - 2889	3

No 13 Rc

Assay of Zinc 2675 - 2889

Use of Zinc 149 Metallic 2 1/10

No 5

Aug 19 Samples from Waterbury 117 Slips Rec'd

Ore of Tin 3

" Zinc 2 3/10

No 6

Aug 25 Samples from Waterbury Rec'd

Tin 3/10

Zinc 2 3/10

Aug 23	40	Mels	2890. 2929	3
24	36	"	2930 2965	3 1/10
25	42	"	2966. 3007	3
26	39	"	3008. 3046	3 1/10
27	41	"	3047 3087	3 1/10
29	19	"	3088. 3106	3 1/10

Assay for Zinc 2890. 3106 2 3/10

14 Rec'd

Aug 30	35	Melts	3107 - 3141	
			203	3 1/10
31	35	"	3142 - 3176	
			195	3
Sept 1	36	Melts	3177 - 3212	
			195	3
" 2	36	Melts	3213 - 3248	
			195	3
" 3	36	Melts	3249 - 3284	
			210	3 2/10
5	19	Melts	3285 - 3303	
			210	3 2/10

Assay for Zinc (3107 to 3303) 2 3/10

Sept. 4 Samples from Waterbury No 7

No 2	Tin	3 1/10
	Zinc	2 4/10

No 16 Rs

Sept 6	42	Mls	3304	3345	3 1/10
7	36	"	3346	3381	3 1/10
8	34	"	3382	3417	3
9	42	"	3418	3459	3
10	41	"	3460	3500	3 1/10
12	21	"	3501	3521	3 1/10
Assay for Zinc			3304	3521	2 2/10

No 17 Rs

Sept 13	42	Mls	3522	3563	3 1/10
14	42	"	3564	3605	3 1/10
15	42	"	3606	3647	3 1/10
16	40	"	3648	3687	3 1/10
17	41	"	3688	3728	3 2/10
19	17	"	3729	3745	3 2/10
Assay for Zinc			3522	3745	1.5

No 8 Slide from Salisbury

Sept 15	Tin	3 2/10
Rs	Zinc	2

Sept.	20	39	Melts	3746 - 3784	3 2/10
	21	39	"	3785 - 3823	3 2/10
	22	39	"	3824 - 3862	3 2/10
	23	42	"	3863	3904	3 1/10
	24	42	"	3905	3946	3 1/10
	26	20	"	3947	3966	3 2/10

No. 18 12 c. June 15

Sept 23 lot No. 9 Slips from Waterbury Tin 3 2/10

Zinc 1-9

Sept.	27	42	Melts	3967	4008	3 2/10
	28	41	"	4009	4049	3 2/10
	29	41	"	4050	4090	3 1/10
	30	42	"	4091	4132	3 1/10
Oct.	1	42	"	4133	4174	3 1/10
"	3	21		4175	4195	3 1/10

No. 19

Assay for Zinc 3967 to 4199 1.8

Slips from Waterbury No. 10

Oct 3 Tin 3 1/10

Zinc 1 8/10

Oct 4	36	Melts	4196-4231	3 lbs
5	41	"	4232-4272	3 lbs
6	42	"	4273-4314	3 1/10
7	40	"	4315-4354	3 1/10
8	42	"	4358-4396	3 2/10
10	21	"	4397-4417	2 2/10

Re No 19

Oct 10 Assay for Zinc .1 9/10

Oct 7 Slips from Waterbury

Re No 11

Tin 3 3/10

Zinc 1.8

Oct 12	42	Melts	4418-4459	3
13	29	"	4460-4488	3
14	35	"	4489-4523	3 1/10
15	33	"	4524-4556	3 1/10
16				
17	17	"	4557-4573	3

Re No 20

Assay for Zinc 4418-4573 2 2/10

Oct 17 Slips from Waterbury

Re No 12

Tin 3 3/10

Zinc 1.9

Oct 18 34 Melts 4574-4607 3 pr
19 36 " 4608 4643 3 1/10
20 42 " 4644 4685 3 1/10
21 41 " 4686 4726 3 -
22 42 " 4727 4768 3
24 20 " 4769 4788 3 1/10

Assay for Zinc 2 pr. ct

Rec. Oct. 22 Slips from Waterbury
No 13 Tin 3 2/10
Zinc 2 9/10

Oct. 25 42 Melts 4789-4830 3 1/10
26 42 " 4831 4872 3
27 37 " 4873 4909 3
28 36 " 4910-4945 3 1/10
29 36 " 4946-4981 3 1/10
31 21 " 4982-5002 3 1/10

Assay for Zinc 2 pr ct

Rec. Slips from Waterbury Tin 3 3/10
No 14 1 9/10

Nov 5 Slips from Waterbury

Tin 3 3/10

N°. 15 Zinc 1 8/10

Nov 10th Slips from Waterbury

N°. 16 Tin 3 2/10

Zinc 1 8/10

Nov 19 Slips from Waterbury

N°. 17 Tin 3 1/10

Zinc 1 9/10

Nov 23 Slips from Waterbury

N°. 18 Tin 3 2/10

Zinc 1 8/10

Dec. 2d Slips from Waterbury

Tin 3 2/10

N°. 19 Zinc 2

Nov 1	42	Melts	5003 - 5044	3 1/10 hrs
" 2	40	"	5045 - 5084	3 hrs
" 3	40	"	5085 - 5124	3 "
" 4	41	"	5125 - 5165	3 1/10 "
" 5	41	"	5166 - 5206	3 1/10 "
" 7	20	"	5207 - 5226	3
Assay for Zinc			5003 - 5226	1 8/10
Nov 9	42	Melts	5227 - 5268	3 "
" 10	29	"	5269 - 5297	3 1/10
" 11	42	"	5298 - 5339	3 1/10
" 12	41	"	5340 - 5380	3 "
" 14	21	"	5381 - 5401	3 "
Assay for Zinc			5227 - 5401	17 1/10
Nov 15	42	Melts	5402 - 5443	3 1/10
" 16	42	"	5444 - 5485	3 1/10
" 17	42	"	5486 - 5526	3 1/10
" 18	42	"	5527 - 5568	3 2/10
" 19	42	"	5569 - 5610	3 2/10
" 21	11	"	5611 - 5621	3 2/10
Assay for Zinc			5402 - 5621	1 8/10

Nov	22	42	Melts	5622-5663	3 1/10
"	23	36	"	5664-5699	3 1/10
"	25	36	"	5700-5735	3 1/10
"	26	36	"	5736-5771	3 1/10
"	28	18	"	5772-5789	3 1/10

No 22

Assay for Zinc 5622-5789 1.8/10

Nov	29	36	Melts	5790-5825	3 1/10
	30	35	"	5826-5860	3
Dec	1	41	"	5861-5901	3
	2	41	"	5902-5942	3
	3	42	"	5943-5984	3
	5	21	"	5985-6005	3

No 23

Assay for Zinc 1.75

Dec	6	41	Melts	6006-6046	3
	7	41	"	6047-6087	3 1/10
	8	42	"	6088-6129	3 1/10
	9	42	"	6130-6171	3
	10	42	"	6172-6213	3
	12	21	"	6214-6234	3 1/10

Ref?

Assay for Zinc b206-b234 1 1/10 lbs

Dec 13 - 42 Melts b235-b276 3 1/10

14 42 " b277-b318 3 1/10

15 42 " b319-b360 3 1/10

16 42 " b361-b402 3 1/10

17 41 " b403 b443 3 lbs

19 21 " b444-b464 3 lbs

Assay for Zinc b238-b464 1 7/10

Dec 20-21-22 126 b465-b590 3 1/10

" 23.24-27 b591-b694

Assay for Zinc Zinc 2—

Dec 8 Slips from Waterbury

No 20 Tin 3 2/10 Zinc 2

Dec 17 Slips from Waterbury

No 21 Tin 3 2/10 Zinc 1.75

Dec 24 Slips from Waterbury

No 22 Tin 3 2/10 Zinc 2

Dec 28 Slips from Waterbury

No 23 Tin 3 2/10 Zinc 2

Reported

No 24

No 23

Book No 24

Dec. 28 35 Melts bhg5-bh729 3 2/10

" 29 30 " bb30. bh59 3 1/10

" 30 & 31 gotten bh60-bh849 3 1/10

Assay for Zinc bhg5-bh849

Zinc 1.9

Close of the Year 18bh

Book No 25

Jan 4	36 Melts	1-36	3 2/10
5	36	37-72	3 2/10
b	41	73-113	3 2/10
7 & 9	b2 Melts	114-175	3 1/10
Assay for Zinc from 1 to 175			1.9/10

Book No 26

Jan 10	42 Melts	176-217	3 3/10
11	42	218-259	3 3/10
12	42	260-301	3 3/10
13 & 14	70 Melts	302-371	3 2/10
Assay of Zinc from 176-389			2 1/10

Report No. 25

Samp. 16. 17. 18	99 lbs.	372 - 470	3 1/10
19 - 20	76 lbs.	471 - 546	3 1/10
21 - 23. 24	101 lbs.	547 - 647	3 1/10
Assay for Zinc	390 - 647		1 9/10

Samp. 25. 26	82 lbs.	648 - 729	3 1/10
" 27. 28	81 lbs.	730. 810	3
" 30	21 lbs.	811 - 831.	3 2/10
Assay for Zinc	648. 831		1.9

Assay Slips from Waterbury

Rep. 2

No. 24	Zinc	3 3/10	Zinc	1 9/10
" 25	"	3 3/10	"	2
" 26	"	3 2/10	"	2 1/10
" 27	"	3 2/10	"	2 2/10
28	"	3 2/10	"	2 2/10
29	"	3 3/10	"	2 2/10
30	"	3 3/10	"	2 2/10
31	"	3 3/10	"	2

Jan'y	31 42 Mts.	832. 873	3 7/10
Feby	1-2° 78 Mts.	874. 951	3
"	3-4 71 "	952. 1022	3
"	6 17 "	1023-1039	2.9
Assay for Zinc		832-1039	1.9
Feb 7. 8.	66 Mts.	1040-1105	2.9
"	9.10.78 "	1106. 1183	2 7/10
"	11-13. 49 Mts.	1184-1232	2 7/10
Assay for Zinc		1040-1232	2 4/10
Feb 14	36 Mts.	1233 1268	2 7/10
"	15.16 71 Mts.	1269 1339	2 6/10
"	17.18 66 "	1340-1405	2 4/10
"	20. 18 "	1406 1423	2 7/10
Assay for Zinc		1233-1423	2 3/10
Feb 21-23	78 Mts.	1424-1501	2.9
"	24-25 84 Mts.	1502-1585	3
"	27 21 Mts.	1586-1606	3 1/10
Assay for Zinc		1424-1606	2

Ref.

Feb 28	37 Mlts	1607 - 1643	3 1/10
Mar 1 + 2	76 "	1644 - 1719	2 9/10
" 3 + 4	65 "	1720 - 1784	3 1/10
" 6	12 "	1785. 1796	3 1/10
Assay for Zinc		1607 - 1796	2

Mar 7	29 Melts	1797 1825	3 3/10
" 8 - 9	62 Melts	1826 1887	3 3/10
" 10 - 11, 72	"	1887 - 1958	3
" 13	18 "	1959 1976	3
Assay for Zinc		1797 - 1976	1.9

Mar 20 - 21	76 Melts	1977 - 2043	3 1/10
" 22. 23	72 "	2044 - 2115	3
" 24 - 25	70 "	2116 2185	3
" 27 - 28	57.	2186 - 2239	3 7/10
Assay for Zinc		1977 - 2203	2

Rep'd

March 29 3h Melts 2040 - 2275 3 1/10

" 30-31 72 Melts 2276 - 2347 2 8/10

April 1. 3 53 " 2348. 2400 3

Assay for Zinc 2204 - 2400 2

April 4.5 64 lbs. 2401 - 2464, 2 9/10

" 6.7.8 96 " 2465 - 2560 3

" 10 14 " 2561 - 2574 2 9/10

Assay for Zinc 2401 - 2574 2 2/10

April 11-12th 66 lbs. 2575 - 2640

2.90

April 13-14 79 lbs 2641 - 2719

3

15-17 58 lbs. 2720 - 2767

3 1/10

Assay for Zinc 2576 - 2767

2 2/10

Repd

Assay Slips from Waterbury

No. 32	Tin	3 3/10	Zinc	2 2/10
" 33	"	3 3/10	"	2 2/10
" 34	"	3 3/10	"	2 2/10
" 35	"	3 2/10	"	2

April 20. 21. 22	2768 - 2883	3 1/10
" 24 - 25. 26	2884 - 2955	3
" 27 - 28	2956 - 3027	3
" 29 - May 1	3028 3084	2 8/10

Assay for Zinc 2768 - 3084 2 2/10

Dep?

May 2. 3. 4th	3085 - 3144	3 1/10
" 5. 6. 8	3145 3192	3 1/10
Assay for Zinc		2 3/10
May 9. 10	3193 - 3240	3
" 11. 12	3241 - 3288	3 1/10
" 13. 15	3289 - 3318	2 9/10
Assay for Zinc		2/10
May 16 - 19	3319 - 3351	3 3/10
" 20 - 22	3352 3366	3
" 23 - 25	3367 - 3399	3
" 26 - 29	3400 - 3427	3
Assay for Zinc		2/10
May 30 June 5	3428. 3468	2 9/10
June 6 - 8	3469. 3492	3 1/10
" 9. 12	3493 - 3503	3 1/10
Assay for Zinc		2/10

June 13-19	3504	3531	3
July 2-8	3532	3543	3 2/11
Assay for Zinc			2/100

Rep'd

Assay of ingots for the 3ct Coin

April 24 1865

	No 1-4	Nickel	24.5
Apl	28 5-7	"	25:11
May	1 8.9	Coin	19.8
	3 10.15	Do	19.3
	5 18.23		25.7
	6 24.29		25.4
	9 30.34		25.1
	11 35.36		25.1
	12 37.38		25.2
	13 39.40		23.9
	15 41-43		24.8
	20 44.45		25.2
	25 46-48		25:0
	26 49-51		25.1
	27 52-57		26.1
	29 58-60		25.7
	30 61-66		23.7

Scene 3	67–69	24.9
4	70–71	24.9
7	72–74	25.3
8	75–80	25.0
9	81–86	25.1
10	87–92	24.5
13	93–100	25.2
14	101–106	27.0
15	107–112	25.1
16	113–118	27.5
17	119–124	25.3
20	125–128	25—
24	129–131	24.8
27	132–140	25.1
29	141–146	26.1

Rep.

May 3 Specimens of the
3ct alloy from Waterbury
Hayden No 1 Nickel 25.1

May 9 40 Speci from
Waterbury Scovil & Co No 1
Nickel 27 per ct

May 16 61 Spec from Waterbury
Benedict No 1 Nic 26.2

June 7 2 casks of Planchets
for the 3ct coin. from Waterbury
30 pieces 10 2.111g Nic 26

June 18 81 slips from
Waterbury Scovil No 2
Nickel 24.6

June 21 Slips from Waterbury
Benedict No 2 Nic 26.4

Assay of bronze ingots

July 8	3544-3557	3
" 24	3558-3592	3
" 25	3593-3613	2 9/10
" 27	3614-3648	3
31	3649-3683	3
Assay for Zinc	3544-3683	2 1/10
Aug 3	3684-3724	3 1/10
8	3725 3761	3 1/10
11	3762 3828	3 1/10
Assay for Zinc	3684. 3828	2.4
Aug 16	3829 3887	3
21	3888 3946	3 1/10
24	3947 3995	3 3/10
26	3996 4026	2 9/10
30	4027-4086	3
Assay for Zinc	3829-4038	2.4

Sept.	2	4087	4057	Zinc 2 9/10
	6	4058.	4201	3
	9	4202	4243	3
	12	4244	4270	3
Assay for Zinc		4039	4270	2.1
Sep	14	4271	4335	3
	19	4336	4395	2 9/10
	22	4396	4461	2 9/10
	25	4462	4497	2 9/10
Assay for Zinc		4271	4497	2.8
Sep	29	4498.	4587	2.8/10
Oct.	4	4588	4666	2 9/10
	7	4667	4723	2 9/10
	11	4724	4735	3
Assay for Zinc		4498	4735	2 2/10
Oct.	13	4737	4778	2.8
	17	4779	4796	3
	19	4797	4835	2.9
	25	4836	4888	3 1/10
	27	4889	4935	2.9

Oct 30	4936 – 5000	3
Nov 6	5001 5078	3
Assay for Zinc	4936 – 5078	1.8
Nov 10	5079 5124	3 2/10
13	5125 – 5163	3
"	5164 – 5214	3
15	5215 – 5286	3 1/10
16	5287 – 5328	3 1/10
17	5329 – 5370	3 1/10
Nov 20	5371 – 5432	3
Assay for Zinc	5079 – 5432	1 9/10
Nov 22	5433 – 5511	3
23	5512 5553	3
24	5554 5592	3 1/10
27	5593 5652	3 1/10
29	5653 – 5718	3 2/10
Dec. 4	5719 5849	3 2/10
Assay for Zinc	5433 5849	1 8/10
Dec. 9	5850 – 5904	3 1/10
11	5905 5988	3 1/10

Dec.	15	5989-6060	3/10
	15	6061 6119	3
	18	6120 6175	3
	Assay for Zinc	5850-6175	1/10
Dec.	21	6176-6235	2/10
	23	6236-6306	3
	26	6307-6362	
	28	6363-6425	
	to the close of Mbs	6426-6491	

1866

Jan'y 3	1 - 46	
6	47 - 106	
10	107 - 171	
15	172 - 211	
18	212 - 259	
22	260 - 295	
29	296 - 317	
June Nº 1 to 317		2.2
Feb 3	318 - 337	3
10	338. 359	3 1/10
19	360 - 384	3
24	385 - 404	
28	405 - 417	
Mar. 6	418 - 436	3 1/10
" 8	437 - 446	3 1/10
" 13	447 - 469	3 3/10
" 20	470 - 494	3
23	495 - 531	3
Wyray for June	Nº 318 - 531	2 8/10

Mar 27	532.	557	Lin 3 4/10
31	558 -	597	2 9/10
Assay for June	532 -	597	2 4/10
April	598 -	651	3